

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5643478").PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/13 11:16
S2	18	(("5643478") or ("6096994")).PN. or ((02/078891) or (02/095323)).APP.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 11:05
S3	18	(("5643478") or ("6096994") or ("2078891") or ("2095323")).PN.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/04 11:07
S5	6	(("0747209") or ("0557436")).PN. or (59/159272).APP.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/05 15:48
S6	9	US-5643478-\$ DID. OR US-6096994-\$ DID. OR WO-02078891-\$ DID. OR US-1702463-\$ DID. OR US-7024631-\$ DID.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 10:55
S7	5	EP-0930125-\$ DID. OR WO-0102125-\$ DID. OR US-6133545-\$ DID. OR US-6660286-\$ DID. OR US-7822500-\$ DID.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:03
S8	11	EP-0930125-\$ DID. OR US-6051805-\$ DID. OR WO-0102125-\$ DID. OR US-6055700-\$ DID. OR US-6236017-\$ DID. OR US-6133545-\$ DID. OR US-1711000-\$ DID. OR JP-3047890-\$ DID. OR JP-11333563-\$ DID.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:05

S9	10	US-3401540-\$ DID. OR US-706111D-\$ DID. OR US-4721947-\$ DID. OR US-6041287-\$ DID. OR US-1911727-\$ DID. OR US-6233570-\$ DID.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2009/03/19 11:08
S10	9	("6096994").PN. or (02/078891).APP.	US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/19 11:27
S13	642	219/130.21	US-PCPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 11:47
S18	8664	{219/130.21,130.1,50,121.11,125.1,124.1,137R,137PS,136,56,56.1,99,130.5,76,76.14,76.1}.OCLS.	US-PCPUB; USPAT; USOCR	OR	OFF	2009/03/19 11:50
S19	7210	S18 and (weld\$4 or system\$2 or tun\$4 or electri\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductanc\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wir\$4 or column\$2 or measur\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:08
S20	6648	S19 and (weld\$4 or system\$2 or tun\$4 or calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:10
S21	3500	S20 and (calibrat\$4 or experiment\$2 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2 )	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:11
S22	3392	S21 and (calibrat\$4 or simulat\$4 or model\$4 or adjust\$4 or parameter\$2)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:12
S23	240	S22 and (arc welding system)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:13
S24	31	S23 and (simulat\$4 or calibrat\$3)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 12:37
S25	31	S23 and (simulat\$4 or calibrat\$3)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
S26	3	S23 and (simulat\$4)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:03
S27	301	S22 and (simulat\$4 or calibrat\$3)	US-PCPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:06

S28	122	S27 and (simulate\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:07
S29	190	S27 and (calibrate\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:08
S30	2	S28 and S29 and tune\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:09
S31	17	S28 and (tune\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:10
S32	25	S28 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:15
S33	65	S29 and (welding system)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:22
S34	7	S23 and (tuning)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:41
S35	38	S22 and simulation	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:46
S36	90	S22 and calibration	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:53
S37	126	S22 and calibrate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 13:58
S38	89	S22 and simulate\$2	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:00
S39	24	S13 and simulate\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:07
S40	596	901/42	US-PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 14:22
S41	410	S40 and (calibrate\$4 or simulate\$4 or model\$4 or adjust\$4 or parameter\$2)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:23
S42	596	S40 and (weld\$4 or system\$2 or tune\$4 or electric\$2 or circuit\$2 or power source\$2 or control\$4 or computer\$4 or memory or calibrate\$4 or experiment\$2 or simulate\$4 or model\$4 or adjust\$4 or parameter\$2 input\$2 output\$2 or first or second or value \$2 or resistance\$2 or voltage\$2 or inductance\$2 or current\$2 or mode\$2 or third or arc or predict\$4 or process\$3 or electrode \$2 or wire\$4 or column\$2 or measure\$4 or workpiece or metal transport\$3 or region or component\$2 or program\$4 or network \$2 or internet or robot\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:24

S43	103	\$42 and (simulat\$4 or calibrat\$3)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:26
S44	1	("4825038").PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/03/19 14:46
S45	3	\$20 and simulation model	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 14:58
S46	1	\$18 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:00
S47	1	\$13 and (arc weld\$3 system\$2 and control\$4 and simulat\$3 model\$2)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:01
S48	460	219/130.01	US_PGPUB; USPAT; USOCR; FPRS; EPO; DERWENT	ADJ	ON	2009/03/19 16:02
S52	3930	\$18 and (arc weld\$3 system\$2 or control\$4 or simulat\$3 model\$2)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:05
S53	3930	\$52 and (system\$2 or control\$4 or simulat\$3 model\$2)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S54	3	\$52 and (simulat\$3 model\$2)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:06
S55	620	\$52 and (control\$4 system)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:19
S56	30	\$55 and simulat\$3	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 16:20
S57	2753	{219/130.21,124.34,130.21,124.03,136,130.33}.COLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/11/20 14:49
S58	18	\$57 and (simulation)	US_PGPUB; USPAT; USOCR	ADJ	ON	2009/11/20 14:49
S59	16	\$58 and (calibrat\$4 or model or system or input\$2 parameter\$2)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:51

S60	18	\$S7 and (simulation)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:51
S61	16	\$S9 and (calibrat\$4 or model or system or input\$2 parameter\$2)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:51
S62	9	\$S9 and (calibrat\$4 or model or input\$2 parameter\$2)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:52
S63	16	\$S9 and (calibrat\$4 or model or input\$2 or parameter\$2)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/11/20 14:52
S64	1	("4716273").PN.	US_PGPUB; USPAT; USOCR	OR	OFF	2009/11/21 09:21
S65	12	US-5750957-\$ DID. OR US-6031203-\$ DID. OR US-6087627-\$ DID. OR US-6335511-\$ DID. OR US-6429404-\$ DID. OR US-6518536-\$ DID.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 10:53
S66	10	\$S5 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 11:05
S67	10	\$S5 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 11:08
S68	9	("3867769"   "4103141"   "4375026"   "4452589"   "4471207").PN. OR ("4716273").URPN.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/05/13 15:29

S69	:8	S68 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US_PGPUB; USPAT; USOCR; FPBS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 15:30
S70	:19	("1286529"   "2860422"   "3029526"   "3562927"   "3673708").PN. OR ("3867769").URPN.	US_PGPUB; USPAT; USOCR	ADJ	ON	2010/05/13 15:43
S71	:11	S70 and (simulat\$3 or model or calibrat\$3 or calculat\$3 or tun\$3 or implement\$4 or paramter or measur\$3 or theoretical or theory)	US_PGPUB; USPAT; USOCR; FPBS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/05/13 15:43

5/15/2010 10:45:20 AM

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